



OPEN NONPROMOTIONAL EXAMINATION SENIOR HEALTH PHYSICIST

Final Filing Date: September 3, 2004
Bulletin Release Date: August 6, 2004

HX10-3802 4HA50



California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is an objective of the State of California to achieve a drug-free work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY: Persons who meet the minimum qualifications (entrance requirements) as stated on this announcement may take this examination, which is competitive.

HOW TO APPLY: To learn more about the job and testing arrangements, contact the testing office shown below. Applications are available through the Internet at http://www.spb.ca.gov/employment/employment_app2.htm, and at the testing office shown below. Applications may be filed in person or by mail with:

	DEPARTMENT OF HEALTH SERVICES	(916) 552-8340
	SELECTION UNIT	
In Person:	1501 Capitol Avenue, Suite 71.1501	
By Mail:	MS 1301	
	P.O. Box 997411	
	Sacramento, CA 95899-7411	

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD

SPECIAL TESTING INFORMATION: If you have a disability that requires accommodation, mark the appropriate box on the application Form STD. 678. You will be contacted to make specific arrangements.

FINAL FILING DATE: Applications must be submitted by September 3, 2004, the final filing date. Applications postmarked, personally delivered, or received via interoffice mail after the final filing deadline will not be accepted.

SALARY RANGES: \$5264-\$6353 per month.

WRITTEN TEST DATE: October 16, 2004. Written tests will be scheduled in such locations throughout the State as the number of candidates and conditions warrant.

INTERVIEW DATE: It is anticipated that interviews will be held two to three weeks following the written test date. If a candidate's notice of interview fails to reach him/her before the scheduled interview date due to a verified postal error, he/she will be rescheduled upon written request.

IDENTIFICATION REQUIREMENT: Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

POSITION DESCRIPTION: This is the first supervisory level. Incumbents, under general direction, plan, organize, and direct a specific major program for the regulation and control of sources of ionizing radiation; provide high level consultation, technical assistance, and training in health physics, radiation detection, measurement, and protection to State and local agencies and others; develop criteria for radioactive materials licensing; develop criteria and procedures for inspecting installations for potential or existing radiation hazards; prepare plans and direct field operations to obviate health hazards caused by radiation accidents; plan and conduct special studies and investigations, develop and disseminate findings, correlate and interpret the findings, investigations and studies of other disciplines as they relate to the field of health physics; prepare recommendations and assist in the development of radiation control rules and regulations; develop and disseminate radiation safety information to the public; prepare and review technical reports and correspondence; address interested groups; and do other related work. Positions in this class are supervisory. Incumbents perform duties which are substantially different from those of subordinates and have the authority, in the interest of management to: hire, transfer, suspend, layoff, recall, promote, discharge, assign, reward or discipline other employees, or responsibly direct them or adjust their grievances, or effectively recommend such action.

Positions exist with the Department of Health Services statewide.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION: It is your responsibility to make sure you meet the education and/or experience requirements stated on this announcement by September 3, 2004, the final filing date. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **must** include "to" and "from" dates (month/day/year), time base, civil service class title(s), and range (if applicable) for all work experience. College course information **must** include title, number of semester or quarter units, name of institution, completion dates, and degree (if applicable).

Applications/resumes received without this information will be rejected.

MINIMUM QUALIFICATIONS: Qualifying experience may be combined on a proportionate basis if the following requirements include more than one pattern and are distinguished as Either I, or II, or III, etc.

Either I

Experience: Two years of experience performing the duties of an Associate Health Physicist in California state service.

Or II

Experience: Four years of professional experience in health physics or a closely related field, at least two years of which must have included responsibility for a major program in radiological health in a supervisory capacity. **and**

Education: Graduation from college with a major in radiologic health, radiologic science, health physics, engineering, mathematics, physical science or a closely related field. (One year of full-time graduate work in radiologic health, radiologic science, health physics, engineering, mathematics, physical science, life science may be substituted for one year of the required general experience.)

GENERAL QUALIFICATIONS: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required.

EXAMINATION INFORMATION: This examination will consist of a written test weighted 60% and a qualifications appraisal interview weighted 40%.

Candidates who meet the requirements for admittance to the examination (minimum qualifications) will be scheduled to take a written test. Competitors who do not appear for the written test will be disqualified and eliminated from the examination process. The use of scientific calculators will be permitted.

The interview will include a number of predetermined job-related questions. Competitors who do not appear for the interview test will be disqualified and eliminated from the examination process.

The Department of Health Services reserves the right to revise the examination plan to better meet the needs of the service if circumstances under which this examination was planned change. Such a revision will be in accordance with civil service law and rules and all competitors will be notified.

SCOPE: In addition to evaluating candidates' relative abilities as demonstrated by quality and breadth of experience, emphasis will be placed on measuring competitively, relative to job demands, each competitor's:

Knowledge of:

1. Inspection principles used to evaluate X-ray and radioactive material users in California.
2. State (Title 17) and federal (Title 10) regulations.
3. California Health and Safety codes.
4. Licensing and inspection procedures related to possession, use, disposal and transportation of radioactive materials in California.
5. Proper spelling, grammar, punctuation, and sentence structure to ensure written materials prepared and reviewed are complete, succinct, and free of grammatical errors.
6. Radiation detection instrumentation.
7. Appropriate employee corrective action(s) and progressive disciplinary techniques.
8. Effective time management techniques that provide for prioritization and completion of work assignments for self and subordinate staff.
9. Mathematical equations related to radiation measurements and protection.

Ability to:

1. Evaluate technical information using health physics practices in industry standards and methodologies.
2. Conduct program evaluation and use results to make operational changes.
3. Interpret and apply state (Title 17) and federal (Title 10) regulations.
4. Assume lead responsibilities for the Section.
5. Make complex analytical decisions for radiation protection.
6. Evaluate and review licensees' compliance with regulations and health and safety criteria.
7. Adapt to changes in priorities and work assignments.
8. Provide technical assistance and consultation in radiation detection, measurement, and protection to state and local agencies, laboratories, medical, industrial, and engineering professionals.
9. Independently plan inspections and/or investigations.
10. Present ideas and information both orally and in writing.
11. Interpret complex technical and scientific literature sponsored by national and international commissions/agencies on radiation protection.
12. Take action to accomplish organizational goals.

13. Mediate and negotiate on complex situations and circumstances that require mutual agreement.
14. Use mathematical equations related to radiation measurements and protection.
15. Promote the Department's Equal Employment Opportunity policies and practices in hiring and employment decisions.

Skill to:

1. Communicate in writing in a clear and concise manner.
2. Express facts and ideas in a written form in a succinct and organized manner.
3. Exercise sound judgment and common sense when making decisions.
4. Objectively identify all facts and implications related to a situation before drawing conclusions and determining courses of action.
5. Communicate verbally in a clear and concise manner with a variety of audiences.
6. Read and comprehend reports, memos, and other job related materials and documents.
7. Recognize the ramifications and possible impact of decisions and/or actions in an effort to select the least disruptive and most appropriate course of action.

ELIGIBLE LIST INFORMATION: Possession of the entrance requirements does not assume a place on the eligible list. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. A departmental open list will be established for use by the department(s) listed on this announcement. The list will expire 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, and 6) open. When there are two lists of the same kind, the older must be used first.

CAREER CREDITS: Career credits will be added to the final score of all competitors who qualify for the credits and successfully complete all parts of the examination.

VETERANS PREFERENCE: Veterans' preference will not be granted in this examination since it does not qualify as an entrance examination.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD device.

The California Relay (Telephone) Service for the deaf or hearing impaired:

MCI from TDD: 1-800-735-2929 MCI from voice telephone: 1-800-735-2922
Sprint from TDD: 1-888-877-5378 Sprint from voice telephone: 1-888-877-537